

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	29091	385/14-52.ccls. 398/43-103.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L2	11850	L1 and ((MUX OR DMUX) or (multiplex\$4 or demultiplex\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L3	980	L2 and (delay with line)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L4	727	L3 and (phase)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L5	509	L3 and (phase same (polynomial\$2 quadratic\$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high\$4 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L6	325	L3 and (phase with (polynomial\$2 quadratic\$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high\$4 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L7	1353	"I7" and (path with length)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L8	171	L6 and (path with length)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10

L9	41	L8 and (coupl\$4 with ratio\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L10	9	L9 and (((MUX OR DMUX) or (multiplex\$4 or demultiplex\$4)) with (interferometer or MZI))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L11	7	L10 and @ad<"20021206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L12	249	L5 and (path with length)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L13	58	L12 and (coupl\$4 with ratio\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L14	14	L13 and (((MUX OR DMUX) or (multiplex\$4 or demultiplex\$4)) with (interferometer or MZI))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L15	10	L14 and @ad<"20021206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L16	171	L6 and (path with length)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10

L17	325	L3 and (phase with (polynomial\$2 quadratic\$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high\$4 order) (multipl\$3 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L18	41	L8 and (coupl\$4 with ratio\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L19	153	L3 and (phase near3 (polynomial\$2 quadratic\$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high\$4 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L20	126	L19 and @ad<"20021206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L21	89	L20 and ("delay line")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L22	29091	385/14-52.ccls. 398/43-103.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L23	11850	L22 and ((MUX OR DMUX) or (multiplex\$4 or demultiplex\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L24	980	L23 and (delay with line)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10

L25	27	L24 and (phase near3 (polynomial\$2 quadratic\$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high\$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L26	674	385/5,3.ccls. and @ad<"20021206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L27	203	L26 and ((MUX OR DMUX) or (multiplex\$4 or demultiplex\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L28	28	L27 and (delay with line)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L29	12	L27 and (phase near3 (polynomial\$2 quadratic\$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high\$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L30	1	("0382461").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2005/12/15 15:10
L31	0	EP0382461	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L32	0	EP0382461	US-PGPUB; USPAT; EPO	OR	ON	2005/12/15 15:10
L33	0	EP1426800	US-PGPUB; USPAT; EPO	OR	ON	2005/12/15 15:10
L34	0	("ep1426800").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/12/15 15:10
L35	2	("1426800").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/12/15 15:10
L36	0	("0382461").PN.	EPO; JPO	OR	OFF	2005/12/15 15:10
L37	0	"0382461".xa.	EPO	OR	ON	2005/12/15 15:10

L38	4	(("20020172447") or ("20020044712") or ("5596661") or ("5488680")).PN.	US-PGPUB; USPAT	OR	OFF	2005/12/15 15:10
L39	305	385/30.ccls. and @ad<"20031203"	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L40	3	L39 and (phase near3 (polynomial\$2 quadratic\$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high\$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L41	29483	(L22 or L26 or L39)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L42	25584	L41 and @ad<"20021206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L43	556	L42 and ((MUX DMUX multiplex\$4 demultiplex\$4) with (MZI interferometer (mach adj3 zehnder)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L44	7	L42 and ((MUX DMUX multiplex\$4 demultiplex\$4) with (MZI interferometer (mach adj3 zehnder)) same (delay near2 line\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L45	56	L42 and ((MUX DMUX multiplex\$4 demultiplex\$4) with (MZI interferometer (mach adj3 zehnder))and (delay near2 line\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L46	0	L45 and (phase near3 (polynomial\$2 quadratic\$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high\$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10

L47	2	L45 and (phase with (polynomial\$2 quadratic\$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high\$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L48	52	L45 and (phase)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L49	170	L41 and (phase near3 (polynomial\$2 quadratic\$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high\$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L50	92	L49 and (delay\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L51	20	L50 and ((slab\$2 or bloc\$4) with (waveguide\$3 or fiber\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L52	44	L50 and ((slab\$2 or bloc\$4 planar\$4 or chip\$3) with (waveguide\$3 or fiber\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L53	24	L52 not L51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10

L54	20	(US-20040081393-\$ or US-20030086647-\$ or US-20030072522-\$ or US-20050105865-\$ or US-20050089274-\$ or US-20030063860-\$ or US-20020131693-\$ or US-20020102052-\$ or US-20030053754-\$ or US-20020015554-\$ or US-20010010739-\$).did. or (US-6882772-\$ or US-6870974-\$ or US-6636662-\$ or US-6192167-\$ or US-6002522-\$ or US-6741763-\$ or US-6892021-\$ or US-6185345-\$ or US-6711313-\$ or US-6690855-\$ or US-6836601-\$).did.	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L55	10	L54 and (AWG or (array\$4 with waveguide\$3 with grating\$2))	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L56	1	L50 and ((MUX DMUX multiplex\$4 demultiplex\$4) same (MZI interferometer (mach adj3 zehnder)) same (delay near2 line\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L57	5	L50 and ((MUX DMUX multiplex\$4 demultiplex\$4) same (MZI interferometer (mach adj3 zehnder)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L58	26	L50 and ((MUX DMUX multiplex\$4 demultiplex\$4) and (MZI interferometer (mach adj3 zehnder)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L59	9	("3600594" "4296319" "5373526" "5414548" "5448417" "5793907" "5800950" "6205092").PN. OR ("6456760").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/15 15:10
L60	26	L58 and phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L61	1	("20040136647").PN.	US-PGPUB; USPAT	OR	OFF	2005/12/15 15:10

L62	13	L54 and (phase near3 (polynomial\$2 quadratic\$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high\$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L63	13	L54 and (phase near3 (polynomial\$2 quadratic\$4 (second near2 (order degree)) (third near2 (order degree)) (fourth near2 (order degree)) (fifth near2 (order degree)) (sixth near2 (order degree)) (high\$4 near2 (order degree))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L64	13	L54 and (phase with (polynomial\$2 quadratic\$4 (second near2 (order degree)) (third near2 (order degree)) (fourth near2 (order degree)) (fifth near2 (order degree)) (sixth near2 (order degree)) (high\$4 near2 (order degree))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L65	387	L42 and (phase with (polynomial\$2 quadratic\$4 (second near2 (order degree)) (third near2 (order degree)) (fourth near2 (order degree)) (fifth near2 (order degree)) (sixth near2 (order degree)) (high\$4 near2 (order degree))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L66	32	L65 and ((MUX DMUX multiplex\$4 demultiplex\$4) same (MZI interferometer (mach adj3 zehnder)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L67	2	L66 and (delay near2 line)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L68	29091	385/14-52.ccls. 398/43-103.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10

L69	674	385/5,3.ccls. and @ad<"20021206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L70	305	385/30.ccls. and @ad<"20031203"	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L71	29483	(L68 or L69 or L70)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L72	170	L71 and (phase near3 (polynomial\$2 quadratic\$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high\$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L73	92	L72 and (delay\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L74	44	L73 and ((slab\$2 or bloc\$4 planar\$4 or chip\$3) with (waveguide\$3 or fiber\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L75	99	385/39,40,15,49.ccls. and ((MZI or interferometer\$3) with plurality)	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L76	15	L75 and (delay with phase)	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L77	232	385/14-52,129.ccls. and ((MZI or interferometer\$3) with plurality)	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L78	35	L77 and (delay with phase)	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L79	20	L78 not L76	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10

L80	20	(US-20010010739-\$ or US-20020015554-\$ or US-20020102052-\$ or US-20020131693-\$ or US-20030053754-\$ or US-20030063860-\$ or US-20030072522-\$ or US-20030086647-\$ or US-20040081393-\$ or US-20050089274-\$ or US-20050105865-\$).did. or (US-6002522-\$ or US-6185345-\$ or US-6192167-\$ or US-6636662-\$ or US-6690855-\$ or US-6711313-\$ or US-6741763-\$ or US-6836601-\$ or US-6870974-\$ or US-6882772-\$ or US-6892021-\$).did.	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L81	3	L80 and (slab\$3)	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L82	0	L80 and (transvers\$6 with (filter\$4 grating\$2))	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L83	740	"385"/\$.ccls. and (transvers\$6 with (filter\$4 grating\$2))	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L84	259	"385"/\$.ccls. and (transvers\$6 near2 (filter\$4 grating\$2))	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L85	11	"385"/\$.ccls. and (transvers\$6 near2 (filter\$4 grating\$2) with (MUX dmux multiplex\$4 demultiplex\$4))	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L86	6	L85 and @ad<"20021206"	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L87	8	"385"/\$.ccls. and ((slab\$1 planar\$2 chip\$2 bloc\$2) near2 (wave adj2 guide\$2) with (AWG or (array\$3 with waveguide with grating\$2))))	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L88	9	"385"/\$.ccls. and ((slab\$1 planar\$2 chip\$2 bloc\$2) near2 (wave adj2 guide\$2) same (AWG or (array\$3 with waveguide with grating\$2))))	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L89	4	L88 and @ad<"20021206"	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L90	5	L80 and (birefring\$5)	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L91	0	L80 and (bi adn2refring\$5)	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L92	0	L80 and (bi adj2 refring\$5)	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L93	17	L83 and (birefring\$5 with delay\$4)	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L94	9	L77 and (birefring\$5 with delay\$4)	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10

L95	15	L80 and (Si silic\$4 glass)	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L96	170	L77 and (Si silic\$4 glass)	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L97	3	L80 and (hous\$4 casing)	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L98	0	385/192.ccls. and ((MZI or interferometer\$3) with plurality)	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L99	0	385/192.ccls. and ((MZI or interferometer\$3) same plurality)	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L100	0	385/192.ccls. and ((MZI or interferometer\$3))	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L101	0	385/92.ccls. and ((MZI or interferometer\$3) with plurality)	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L102	0	385/92.ccls. and ((MZI or interferometer\$3) same plurality)	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L103	16	385/92.ccls. and ((MZI or interferometer\$3))	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L104	10	385/92.ccls. and ((MZI or interferometer\$3)) and (hous\$4 casing enclos\$4)	US-PGPUB; USPAT	OR	ON	2005/12/15 15:10
L105	29091	385/14-52.ccls. 398/43-103.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L106	11850	L105 and ((MUX OR DMUX) or (multiplex\$4 or demultiplex\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L107	980	L106 and (delay with line)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L108	727	L107 and (phase)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10

L109	509	L107 and (phase same (polynomial\$2 quadratic\$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high\$4 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L110	325	L107 and (phase with (polynomial\$2 quadratic\$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high\$4 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L111	1353	"I7" and (path with length)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L112	171	L110 and (path with length)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L113	41	L112 and (coupl\$4 with ratio\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L114	249	L109 and (path with length)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L115	58	L114 and (coupl\$4 with ratio\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L116	14	L115 and (((MUX OR DMUX) or (multiplex\$4 or demultiplex\$4)) with (interferometer or MZI))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10

L117	325	L107 and (phase with (polynomial\$2 quadratic\$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high\$4 order) (multipl\$3 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L118	153	L107 and (phase near3 (polynomial\$2 quadratic\$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high\$4 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L119	29091	385/14-52.ccls. 398/43-103.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L120	11850	L119 and ((MUX OR DMUX) or (multiplex\$4 or demultiplex\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L121	980	L120 and (delay with line)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:10
L122	674	385/5,3.ccls. and @ad<"20021206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L123	203	L122 and ((MUX OR DMUX) or (multiplex\$4 or demultiplex\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L124	28	L123 and (delay with line)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L125	0	EP0382461	US-PGPUB; USPAT	OR	ON	2005/12/15 15:11

L126	0	EP0382461	US-PGPUB; USPAT; EPO	OR	ON	2005/12/15 15:11
L127	0	EP1426800	US-PGPUB; USPAT; EPO	OR	ON	2005/12/15 15:11
L128	0	("ep1426800").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/12/15 15:11
L129	0	("0382461").PN.	EPO; JPO	OR	OFF	2005/12/15 15:11
L130	0	"0382461".xa.	EPO	OR	ON	2005/12/15 15:11
L131	305	385/30.ccls. and @ad<"20031203"	US-PGPUB; USPAT	OR	ON	2005/12/15 15:11
L132	29483	(L119 or L122 or L131)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L133	25584	L132 and @ad<"20021206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L134	556	L133 and ((MUX DMUX multiplex\$4 demultiplex\$4) with (MZI interferometer (mach adj3 zehnder)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L135	56	L133 and ((MUX DMUX multiplex\$4 demultiplex\$4) with (MZI interferometer (mach adj3 zehnder))and (delay near2 line\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L136	0	L135 and (phase near3 (polynomial\$2 quadratic\$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high\$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L137	170	L132 and (phase near3 (polynomial\$2 quadratic\$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high\$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11

L138	92	L137 and (delay\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L139	44	L138 and ((slab\$2 or bloc\$4 planar\$4 or chip\$3) with (waveguide\$3 or fiber\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L140	20	(US-20040081393-\$ or US-20030086647-\$ or US-20030072522-\$ or US-20050105865-\$ or US-20050089274-\$ or US-20030063860-\$ or US-20020131693-\$ or US-20020102052-\$ or US-20030053754-\$ or US-20020015554-\$ or US-20010010739-\$).did. or (US-6882772-\$ or US-6870974-\$ or US-6636662-\$ or US-6192167-\$ or US-6002522-\$ or US-6741763-\$ or US-6892021-\$ or US-6185345-\$ or US-6711313-\$ or US-6690855-\$ or US-6836601-\$).did.	US-PGPUB; USPAT	OR	ON	2005/12/15 15:11
L141	13	L140 and (phase near3 (polynomial\$2 quadratic\$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high\$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L142	13	L140 and (phase with (polynomial\$2 quadratic\$4 (second near2 (order degree)) (third near2 (order degree)) (fourth near2 (order degree)) (fifth near2 (order degree)) (sixth near2 (order degree)) (high\$4 near2 (order degree))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L143	387	L133 and (phase with (polynomial\$2 quadratic\$4 (second near2 (order degree)) (third near2 (order degree)) (fourth near2 (order degree)) (fifth near2 (order degree)) (sixth near2 (order degree)) (high\$4 near2 (order degree))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11

L144	32	L143 and ((MUX DMUX multiplex\$4 demultiplex\$4) same (MZI interferometer (mach adj3 zehnder))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L145	29091	385/14-52.ccls. 398/43-103.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L146	674	385/5,3.ccls. and @ad<"20021206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L147	305	385/30.ccls. and @ad<"20031203"	US-PGPUB; USPAT	OR	ON	2005/12/15 15:11
L148	29483	(L145 or L146 or L147)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L149	170	L148 and (phase near3 (polynomial\$2 quadratic\$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high\$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L150	92	L149 and (delay\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L151	1	("0382461").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2005/12/15 15:11
L152	1	L138 and ((MUX DMUX multiplex\$4 demultiplex\$4) same (MZI interferometer (mach adj3 zehnder)) same (delay near2 line\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L153	1	("20040136647").PN.	US-PGPUB; USPAT	OR	OFF	2005/12/15 15:11

L154	9	L113 and (((MUX OR DMUX) or (multiplex\$4 or demultiplex\$4)) with (interferometer or MZI))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L155	7	L154 and @ad<"20021206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L156	10	L116 and @ad<"20021206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L157	41	L112 and (coupl\$4 with ratio\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L158	126	L118 and @ad<"20021206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L159	89	L158 and ("delay line")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L160	27	L121 and (phase near3 (polynomial\$2 quadratic\$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high\$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L161	12	L123 and (phase near3 (polynomial\$2 quadratic\$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high\$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L162	2	("1426800").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/12/15 15:11

L163	4	((("20020172447") or ("20020044712") or ("5596661") or ("5488680")).PN.	US-PGPUB; USPAT	OR	OFF	2005/12/15 15:11
L164	3	L131 and (phase near3 (polynomial\$2 quadratic\$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high\$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L165	7	L133 and ((MUX DMUX multiplex\$4 demultiplex\$4) with (MZI interferometer (mach adj3 zehnder)) same (delay near2 line\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L166	56	L133 and ((MUX DMUX multiplex\$4 demultiplex\$4) with (MZI interferometer (mach adj3 zehnder))and (delay near2 line\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L167	2	L135 and (phase with (polynomial\$2 quadratic\$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high\$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L168	52	L135 and (phase)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L169	92	L137 and (delay\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L170	20	L138 and ((slab\$2 or bloc\$4) with (waveguide\$3 or fiber\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L171	24	L139 not L170	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11

L172	20	(US-20040081393-\$ or US-20030086647-\$ or US-20030072522-\$ or US-20050105865-\$ or US-20050089274-\$ or US-20030063860-\$ or US-20020131693-\$ or US-20020102052-\$ or US-20030053754-\$ or US-20020015554-\$ or US-20010010739-\$).did. or (US-6882772-\$ or US-6870974-\$ or US-6636662-\$ or US-6192167-\$ or US-6002522-\$ or US-6741763-\$ or US-6892021-\$ or US-6185345-\$ or US-6711313-\$ or US-6690855-\$ or US-6836601-\$).did.	US-PGPUB; USPAT	OR	ON	2005/12/15 15:11
L173	10	L140 and (AWG or (array\$4 with waveguide\$3 with grating\$2))	US-PGPUB; USPAT	OR	ON	2005/12/15 15:11
L174	5	L138 and ((MUX DMUX multiplex\$4 demultiplex\$4) same (MZI interferometer (mach adj3 zehnder)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L175	26	L138 and ((MUX DMUX multiplex\$4 demultiplex\$4) and (MZI interferometer (mach adj3 zehnder)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L176	9	("3600594" "4296319" "5373526" "5414548" "5448417" "5793907" "5800950" "6205092").PN. OR ("6456760"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/15 15:11
L177	26	L175 and phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L178	13	L140 and (phase near3 (polynomial\$2 quadratic\$4 (second near2 (order degree)) (third near2 (order degree)) (fourth near2 (order degree)) (fifth near2 (order degree)) (sixth near2 (order degree)) (high\$4 near2 (order degree))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11

L179	2	L144 and (delay near2 line)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L180	44	L150 and ((slab\$2 or bloc\$4 planar\$4 or chip\$3) with (waveguide\$3 or fiber\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L181	171	L110 and (path with length)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L182	126	L118 and @ad<"20021206"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L183	170	L132 and (phase near3 (polynomial\$2 quadratic\$4 (second near2 order) (third near2 order) (fourth near2 order) (fifth near2 order) (sixth near2 order) (high\$4 near2 order)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L184	10	L137 and (housing casing enclosure)	US-PGPUB; USPAT	OR	ON	2005/12/15 15:11
L185	8	L137 and ((housing casing enclosure) with fiber\$4)	US-PGPUB; USPAT	OR	ON	2005/12/15 15:11
L186	0	(L147 L146) and ("delay line") and ((housing casing enclosure) with fiber\$4)	US-PGPUB; USPAT	OR	ON	2005/12/15 15:11
L187	2	(L147 L146) and (delay) and ((housing casing enclosure) with fiber\$4)	US-PGPUB; USPAT	OR	ON	2005/12/15 15:11
L188	1003	"385"/\$.ccls. and (housing with fiber\$4 with hold\$)	US-PGPUB; USPAT	OR	ON	2005/12/15 15:11
L189	11	"385"/\$.ccls. and (housing with fiber\$4 with hold\$) same (multiplex\$4)	US-PGPUB; USPAT	OR	ON	2005/12/15 15:11
L190	11	"385"/\$.ccls. and (housing with fiber\$4 with hold\$) same (multiplex\$4 mux dmux demultiplex\$4)	US-PGPUB; USPAT	OR	ON	2005/12/15 15:11

L191	4	"398"/\$.ccls. and (housing with fiber\$4 with hold\$) same (multiplex\$4 mux dmux demultiplex\$4)	US-PGPUB; USPAT	OR	ON	2005/12/15 15:11
L192	4	("4750802" "5136671" "5473719" "5522004").PN. OR ("6882772").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/15 15:11
L193	0	L192 and (hous\$4 casing)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/15 15:11
L194	2	(L146 L147) and (dispersion with cascad\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/15 15:11
L195	2	(L146 L147) and (dispersion with series with connect\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/15 15:11
L196	0	"385"/\$.ccls. and ((housing with fiber\$4 with hold\$) same (delay))	US-PGPUB; USPAT	OR	ON	2005/12/15 15:11
L197	20	"385"/\$.ccls. and (((housing casing) with fiber\$4) same (delay))	US-PGPUB; USPAT	OR	ON	2005/12/15 15:11
L198	0	"385"/\$.ccls. and (((housing casing) with (MUX dmux multiplex\$4 demultiplex\$4)) same (delay))	US-PGPUB; USPAT	OR	ON	2005/12/15 15:11
L199	137	"385"/\$.ccls. and ((housing casing) with (MUX dmux multiplex\$4 demultiplex\$4))	US-PGPUB; USPAT	OR	ON	2005/12/15 15:11
L200	69	"385"/\$.ccls. and ((housing casing) with (MUX dmux multiplex\$4 demultiplex\$4) with fiber\$4)	US-PGPUB; USPAT	OR	ON	2005/12/15 15:11
L201	4	"385"/\$.ccls. and ((housing casing) with (MUX dmux multiplex\$4 demultiplex\$4) with hold\$4 with fiber\$4)	US-PGPUB; USPAT	OR	ON	2005/12/15 15:11
L202	6	"385"/\$.ccls. and ((housing casing) with (MUX dmux multiplex\$4 demultiplex\$4) with support\$4 with fiber\$4)	US-PGPUB; USPAT	OR	ON	2005/12/15 15:11
L203	13	L95 and @ad<"20021206"	US-PGPUB; USPAT	OR	ON	2005/12/15 15:11
L204	46	L200 and @ad<"20021206"	US-PGPUB; USPAT	OR	ON	2005/12/15 15:11
L205	2	((("6606433") or ("6735358")).PN.	US-PGPUB; USPAT	OR	OFF	2005/12/15 15:11
L206	0	L205 and (wavelengt\$4 near4 phas\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11

L207	1	L205 and (wavelength\$4 with phase\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L208	1	L205 and (wavelength\$4 with (phase\$4 delay\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L209	768	(wavelength\$4 near3 depend\$4 near3 phase\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L210	11	(optical\$4 near3 delay\$4) same (wavelength\$4 near3 depend\$4 near3 phase\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L211	765	(optical\$4 near3 (phase delay\$4)) same ((wavelength\$4 near3 depend\$4 near3 phase\$4) or (group\$4 near3 delay\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11
L212	594	(optical\$4 near3 (delay\$4)) same ((wavelength\$4 near3 depend\$4 near3 phase\$4) or (group\$4 near3 delay\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/15 15:11